ABSTRACT OF THE DISCLOSURE

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        Processes and compositions for printing substrates. A
printing paste containing a matrix-forming precondensate
containing polyorganosiloxanes obtained by a sol-gel process and
at least one coloring, luminescent, conductive and/or
catalytically active filler is applied imagewise to the substrate
and is densified by heat treatment at a temperature below the
glass transition temperature of the matrix being formed. The
processes and printing pastes are suitable, for example, for the
production of conductor tracks and decorative patterns.